

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008110.D
 Acq On : 12 Oct 2019 13:34
 Operator : JU
 Sample : K5178-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

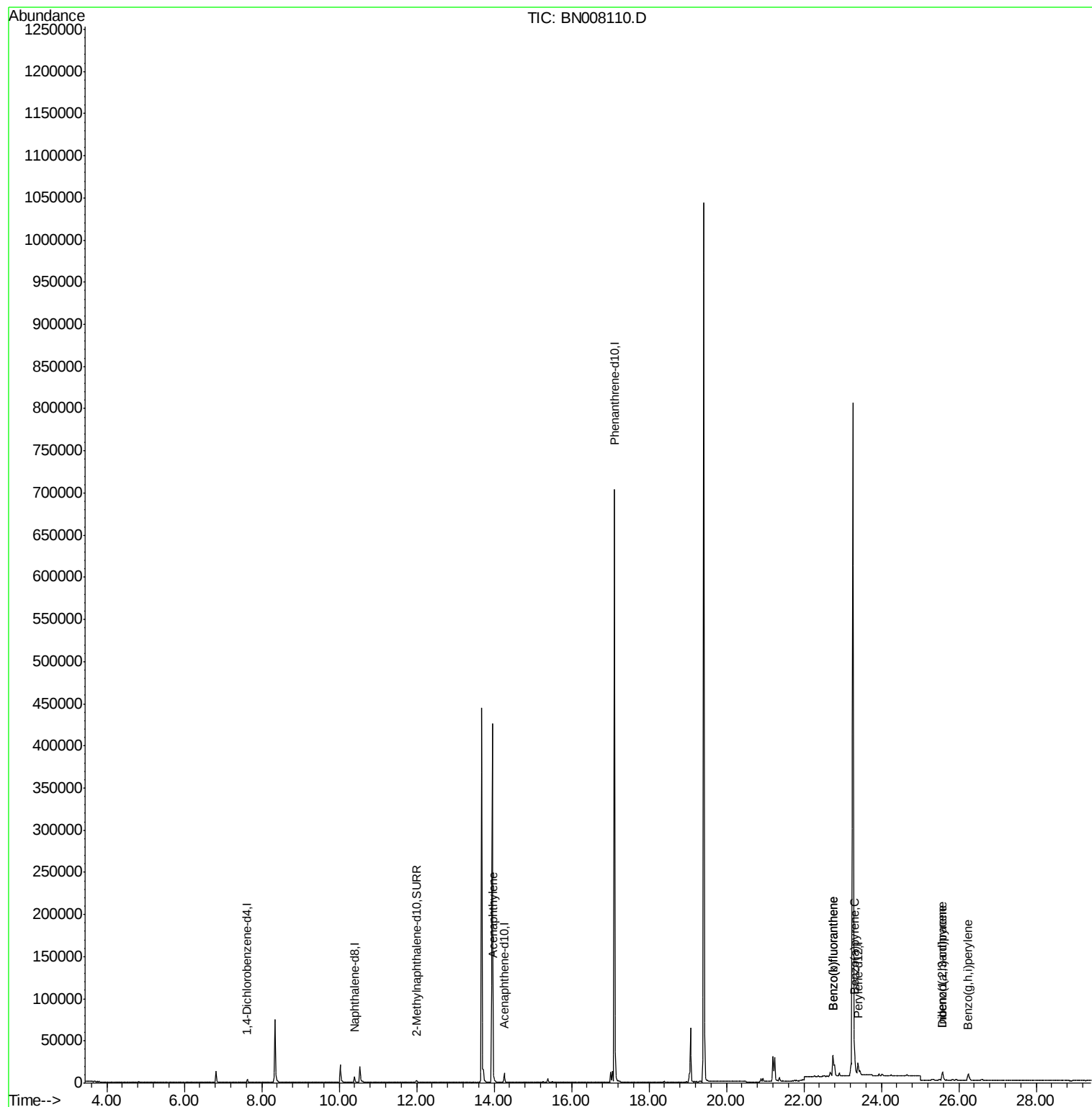
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1805	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	9075	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	6075	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	781859	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	17604	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3302	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	13.98	152	1719	0.059	ng/ul#	83
21) Benzo(b)fluoranthene	22.75	252	56748	0.990	ng/ul	95
22) Benzo(k)fluoranthene	22.75	252	56748	0.874	ng/ul#	94
23) Benzo(a)pyrene	23.31	252	25203	0.418	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.58	276	17692	0.249	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	3318	0.059	ng/ul#	29
26) Benzo(g,h,i)perylene	26.24	276	17092	0.262	ng/ul#	91

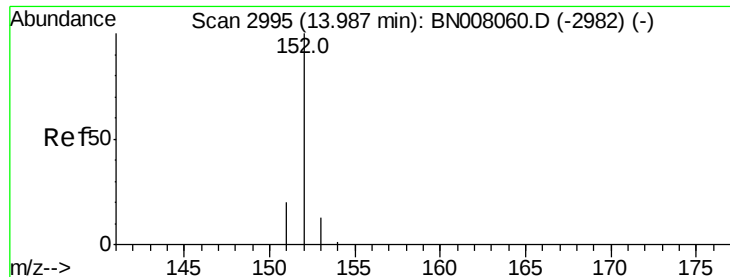
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008110.D

Acq: 12 Oct 2019 13:34

Instrument :

BNA_N

ClientSampleId :

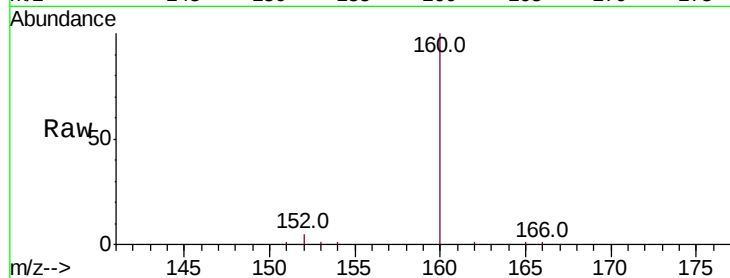
Tot Ion:152 Resp: 1719

Ion Ratio Lower Upper

152 100

151 26.6 16.2 24.4#

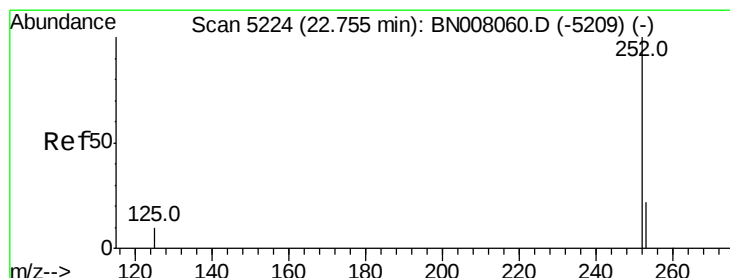
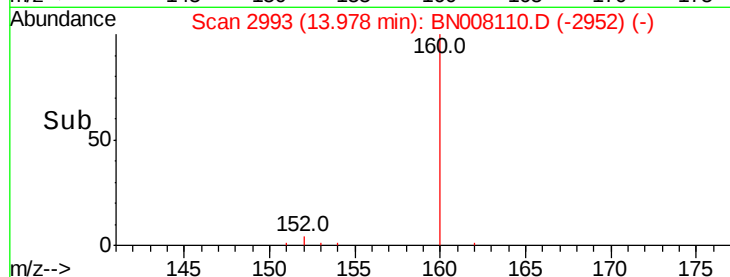
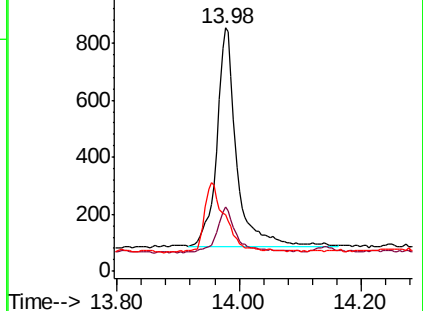
153 23.1 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#21

Benzo(b)fluoranthene

Concen: 0.990 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN008110.D

Acq: 12 Oct 2019 13:34

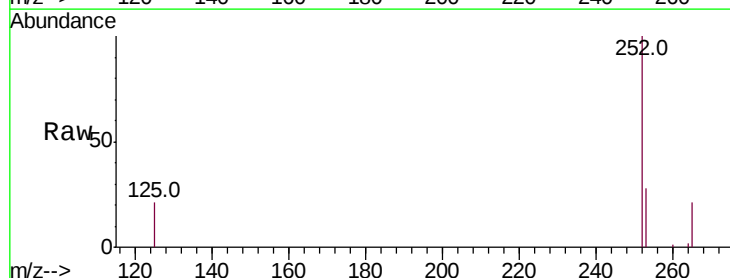
Tgt Ion:252 Resp: 56748

Ion Ratio Lower Upper

252 100

253 27.9 0.0 53.4

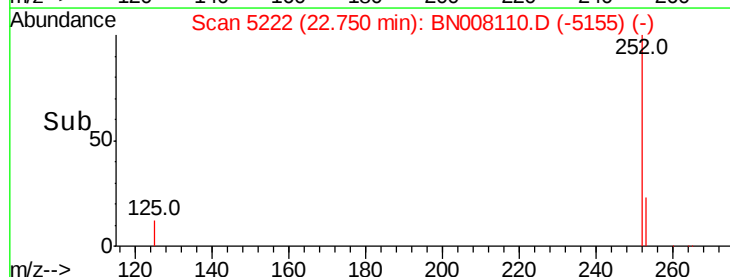
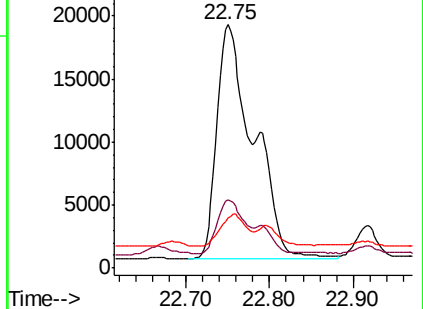
125 20.5 0.0 32.4

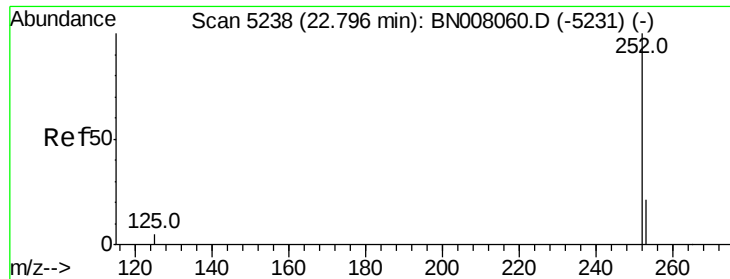


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.874 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN008110.D

Acq: 12 Oct 2019 13:34

Instrument :

BNA_N

ClientSampleId :

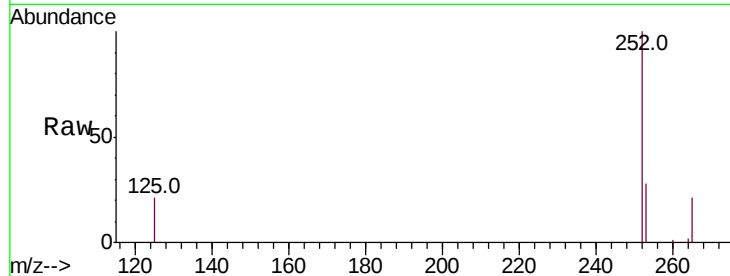
Tot Ion:252 Resp: 56748

Ion Ratio Lower Upper

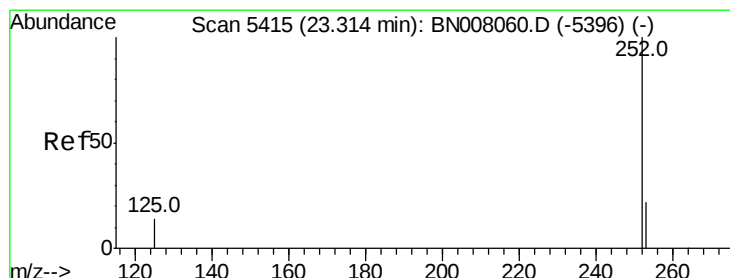
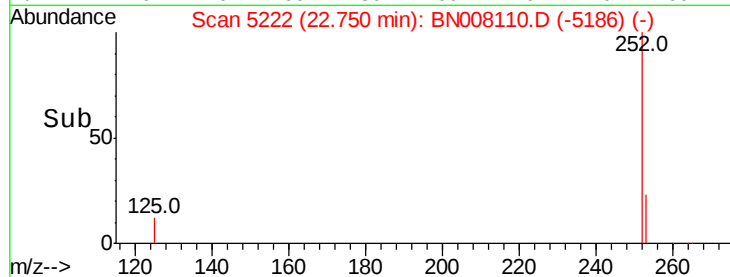
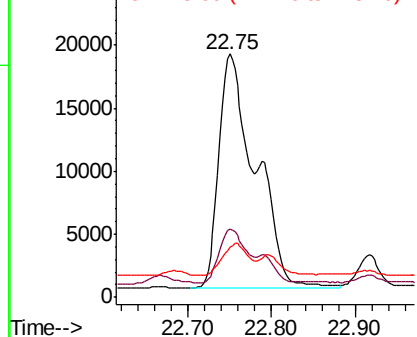
252 100

253 27.9 21.3 31.9

125 20.5 12.3 18.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.31 min Scan# 5412

Delta R.T. -0.01 min

Lab File: BN008110.D

Acq: 12 Oct 2019 13:34

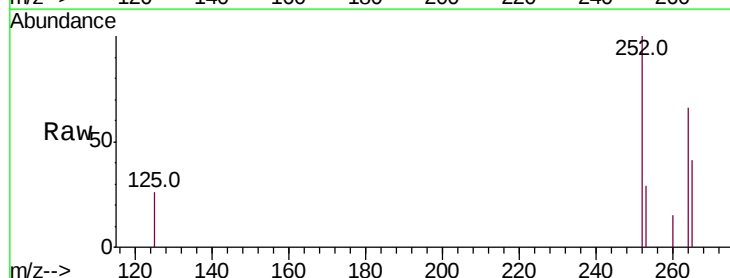
Tgt Ion:252 Resp: 25203

Ion Ratio Lower Upper

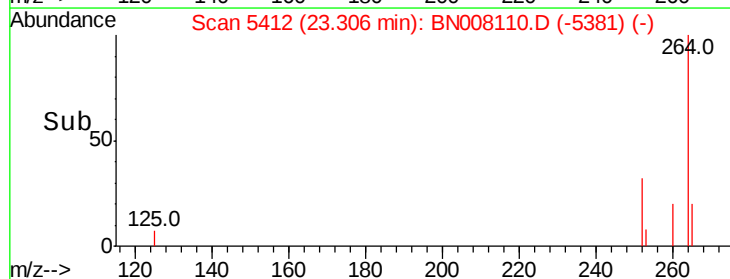
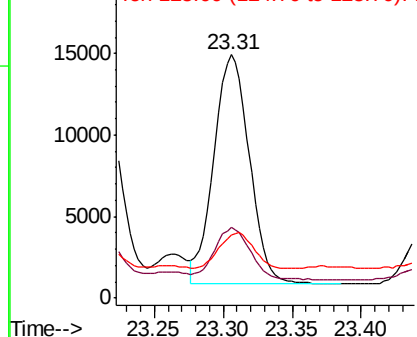
252 100

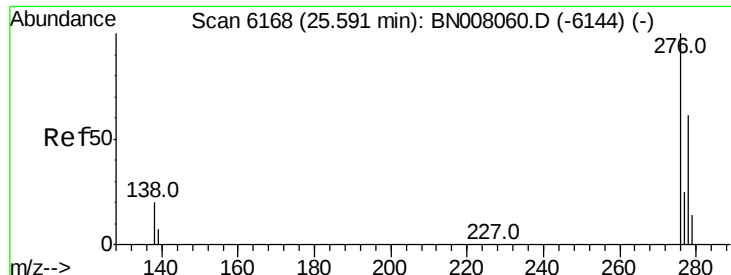
253 28.9 22.8 34.2

125 25.9 18.4 27.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

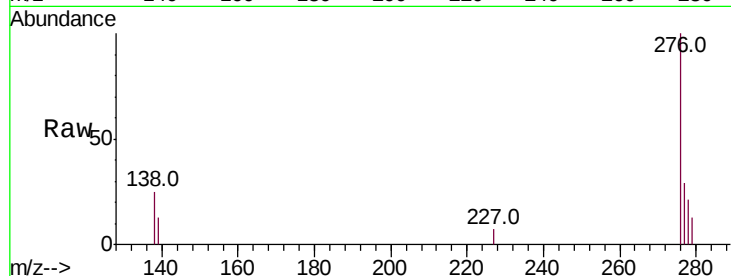




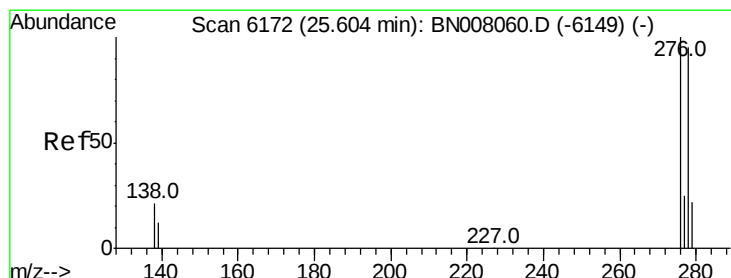
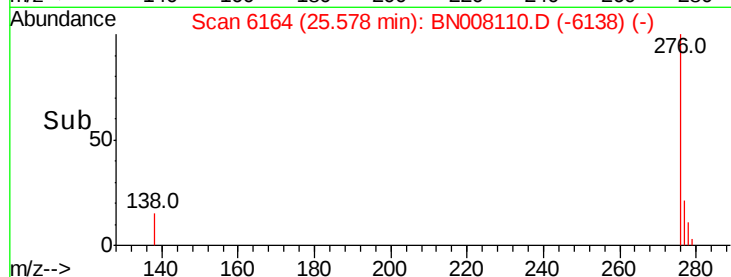
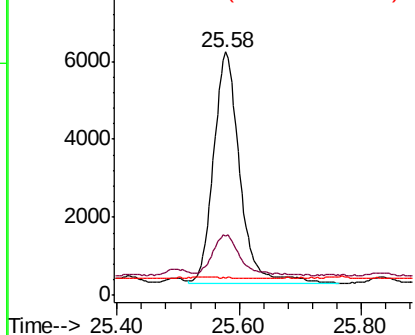
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.249 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN008110.D
 Acq: 12 Oct 2019 13:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 17692
 Ion Ratio Lower Upper
 276 100
 138 18.6 16.1 24.1
 227 0.0 0.2 0.2#

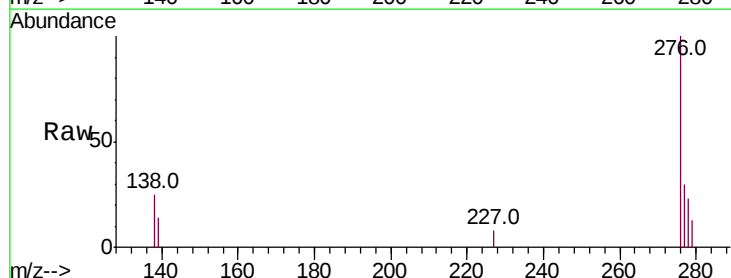


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

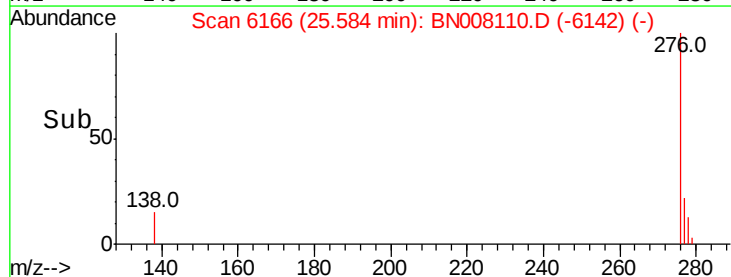
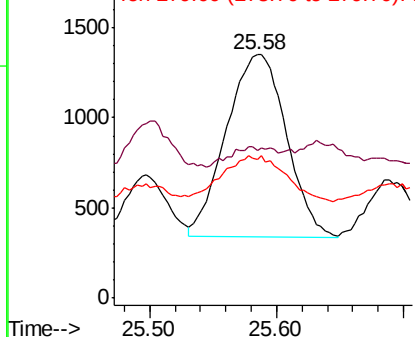


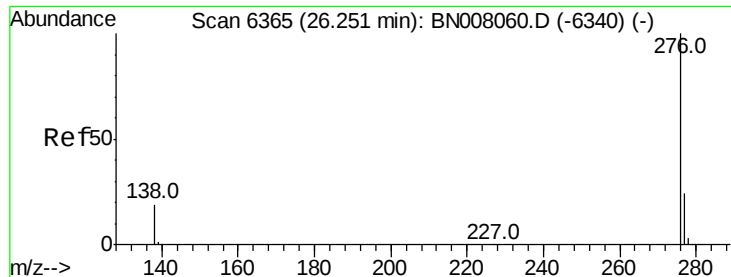
#25
 Dibenzo(a,h)anthracene
 Concen: 0.059 ng/ul
 RT: 25.58 min Scan# 6166
 Delta R.T. -0.02 min
 Lab File: BN008110.D
 Acq: 12 Oct 2019 13:34

Tgt Ion:278 Resp: 3318
 Ion Ratio Lower Upper
 278 100
 139 60.7 15.0 22.6#
 279 57.1 22.4 33.6#



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.262 ng/ul

RT: 26.24 min Scan# 6362

Delta R.T. -0.01 min

Lab File: BN008110.D

Acq: 12 Oct 2019 13:34

Instrument :

BNA_N

ClientSampleId :

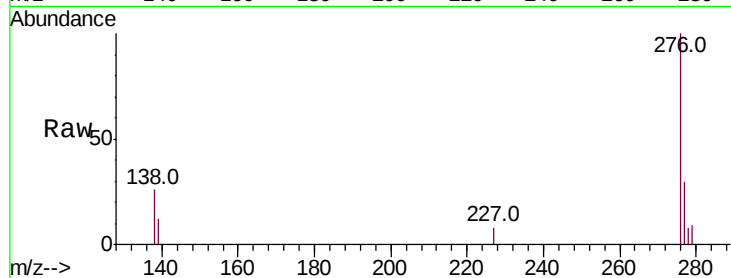
Tot Ion:276 Resp: 17092

Ion Ratio Lower Upper

276 100

138 26.3 17.0 25.4#

277 29.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

